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**From:** Carey, Curtis [Carey.Curtis@epa.gov]  
**Sent:** 10/4/2021 4:15:10 PM  
**To:** Beringer, Mike [Beringer.Michael@epa.gov]; Compher, Michael [compher.michael@epa.gov]; Davis, Michael [Davis.Michael@epa.gov]; Bednar, Candace [Bednar.Candace@epa.gov]; Hamilton, Scott [hamilton.scott@epa.gov]; Haile, Katherine [Haile.Katherine@epa.gov]; Fuoco, Marta [fuoco.marta@epa.gov]; Siegel, Kathryn [siegel.kathryn@epa.gov]; Rowan, Anne [rowan.anne@epa.gov]; Kelley, Jeff [kelley.jeff@epa.gov]; Tapia, Cecilia [Tapia.Cecilia@epa.gov]; Tapp, Joshua [Tapp.Joshua@epa.gov]; Weekley, Erin [weekley.erin@epa.gov]; Huffman, Diane [Huffman.Diane@epa.gov]  
**Subject:** RE: Preliminary Air Monitoring Results

FYSA,

NDEE has posted the statement on their public information portal for the AltEn facility.

<http://dee.ne.gov/Press.nsf/pages/AltEn>

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**From:** Beringer, Mike <Beringer.Michael@epa.gov>  
**Sent:** Wednesday, September 29, 2021 6:54 AM  
**To:** Pracheil, Brad <brad.pracheil@nebraska.gov>; thomas.buell@nebraska.gov; carla.felix@nebraska.gov; Compher, Michael <compher.michael@epa.gov>  
**Cc:** Davis, Michael <Davis.Michael@epa.gov>; Bednar, Candace <Bednar.Candace@epa.gov>; Hamilton, Scott <hamilton.scott@epa.gov>; Haile, Katherine <Haile.Katherine@epa.gov>; Fuoco, Marta <fuoco.marta@epa.gov>; Siegel, Kathryn <siegel.kathryn@epa.gov>; Rowan, Anne <rowan.anne@epa.gov>; Kelley, Jeff <kelley.jeff@epa.gov>; Carey, Curtis <Carey.Curtis@epa.gov>; Tapia, Cecilia <Tapia.Cecilia@epa.gov>; Tapp, Joshua <Tapp.Joshua@epa.gov>  
**Subject:** Preliminary Air Monitoring Results

Brad:

Staff from EPA Region 5 and 7 worked together to draft the following statement on the AltEn air monitoring effort conducted earlier this month. If you have any questions or need anything else, please let me or Michael Compher know. Thanks.

**Subject: EPA Provides NDEE with Preliminary Results of AltEn Facility Air Monitoring**

On September 14-16, 2021, the U.S. Environmental Protection Agency conducted mobile air quality monitoring using the EPA's GMAP vehicle ([see fact sheet for details](#)) around AltEn ethanol plant and Mead Cattle in Mead, NE. The GMAP measures for five air pollutants: hydrogen sulfide (H<sub>2</sub>S), methane (CH<sub>4</sub>), benzene (C<sub>6</sub>H<sub>6</sub>), toluene (C<sub>7</sub>H<sub>8</sub>), and p-xylene (C<sub>8</sub>H<sub>10</sub>).

Preliminary results from the GMAP indicate reportable levels of H<sub>2</sub>S and CH<sub>4</sub> and no reportable levels of C<sub>6</sub>H<sub>6</sub>, C<sub>7</sub>H<sub>8</sub>, or C<sub>8</sub>H<sub>10</sub>. Elevated concentrations of H<sub>2</sub>S were measured on the AltEn property and on a shared roadway between AltEn and Mead Cattle; elevated concentrations of H<sub>2</sub>S were also measured approximately ½ mile downwind of the facilities on road J on 9/14/2021. Reportable H<sub>2</sub>S was not measured downwind of the facilities on road K or in the community of Mead, NE on 9/15/2021 and 9/16/2021. The EPA also collected ambient air samples that will be used to determine whether other volatile pollutants are present at the facility and whether they are moving off-site. These samples are currently undergoing analysis and review.

The EPA's preliminary findings from all air monitoring systems are that no air pollutants sampled present an immediate health threat. The EPA is reviewing all the data and will provide NDEE with a report summarizing this air monitoring activity in the coming weeks.

EPA Provides Support to NDEE: AltEn Facility, Mead, Nebraska - Fact Sheet, September 2021

NDEE Public Information: Information and Updates for AltEn near Mead, Nebraska

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